



In the Claims:

Please amend the following claims to read as follows:

- B<sup>1</sup>  
Sub 7  
C<sup>1</sup>
1. (Twice Amended) In a charge pump including a first set and a later set of stages, each stage comprising an input and an output, an injection capacitor and a control capacitor, an improvement comprising:

- (a) a first clock signal having a first voltage swing, the first clock signal being applied to the energy injection capacitor of each of the stages; and
- (b) a second clock signal provided by a level shifter and having a second voltage swing greater than the first voltage swing, the second clock signal being applied to the control capacitor of at least one of the stages within the later set of stages.

- B<sup>2</sup>  
Sub 7  
C<sup>2</sup>
12. (Twice Amended) A method for overcoming increasing bulk effect in successive stages of a charge pump comprising;
- applying in a given stage an energizing voltage to an energy injection capacitor; and
- applying a comparatively greater voltage from a level shifter to a control capacitor in a successive stage.

Attached hereto is a marked-up version of the changes made by the current amendment. The attached pages are captioned "Version with Markings to Show Changes Made".